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[File 348] EUROPEAN PATENTS 1978-200849

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[File 349] PCT FULLTEXT 1979-2008/UB=20081211|UT=20081204

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; d s

Set Items Description

S1 2592826 S (SECOND OR MULTI? OR HETEROGENEOUS OR DIFFERENT OR VARIED OR VARIOUS OR SEPARATE OR MANY OR MANIFOLD OR NUMEROUS OR MULTIPL? OR MULTITUDE OR SEVERAL OR MANY OR PLURAL? OR VARIET? OR RANGE? ? OR ASSORT???? OR DIVERSE)

S2 692666 S (VALVE? ? OR THROTTLE? ? OR VALVULAR OR CONTROLLER? ? OR POPPET? ? OR VALVATE? ? OR CHOKE? ? OR GATE? ? OR ACCELATOR? ?)

S3 157189 S S1(3N)S2

S4 279713 S (SENSE??? OR SENSING OR MEASURE??? OR MEASURING OR DETECT??? OR NOTIC? OR DETERMIN? OR OBSERV? OR MONITOR??? OR CHECK? OR PRESEN????)(2N)(LIQUID? ? OR FLUID OR WATER OR FLOW???)

S5 12748 S S4(5N)S2

S6 112786 S S2(3N)(OPEN???)

S7 929 S S5(10N)S3

S8 21219 S S6(10N)(STATUS OR CHANGE??? OR CHANGING OR STATE OR ADJUST? OR ADAPT? OR REGULAT? OR UPDAT? OR MODIFY?)

S9 8 S S8(10N)S7

S10 26 S S8(100N)S7

S11 24 S S10 AND PY=1963:2003

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Subject summary

? t/3,k/all

11/3K/1 (Item 1 from file: 348) [Links](#)Fulltext available through: [Order File History](#)

EUROPEAN PATENTS

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01634609

Gravity feed fluid dispensing valve cap

Unter Schwerkraft arbeitende Flüssigkeit Ausgabeventilkappe

Capuchon avec valve de distribution de fluide par gravite

Patent Assignee:

● MINNESOTA MINING AND MANUFACTURING COMPANY; (300410)

3M Center, P.O. Box 33427; St. Paul, Minnesota 55133-3427; (US)

(Proprietor designated states: all)

Inventor:

● Dyer, John J

PO Box 33427; Saint Paul, Minnesota 55133-3427; (US)

● Gunderson, Corry P

P.o. Box 33427; Saint Paul Minnesota 55133-3427; (US)

Legal Representative:

● Vossius & Partner (100314)

Siebertstrasse 4; 81675 Munchen; (DE)

	Country	Number	Kind	Date	
Patent	EP	1346944	A1	20030924	(Basic)
	EP	1346944	B1	20060118	
Application	EP	2003011248		19980910	
Priorities	US	946759		19971008	

Designated States:

DE; ES; FR; GB; IT;

Related Parent Numbers: Patent (Application):EP 1021369 (EP 98944825)

International Patent Class (V7): B67D-003/04

IPC	Level	Value	Position	Status	Version	Action	Source	Office
B67D-0003/04	A	I	F	B	20060101	20030729	H	EP

Abstract Word Count: 195

NOTE: 4

NOTE: Figure number on first page: 4

Type	Pub. Date	Kind	Text
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Publication: English

Procedural: English

Application: English

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200339	369
SPEC A	(English)	200339	5643
CLAIMS B	(English)	200603	407
CLAIMS B	(German)	200603	357
CLAIMS B	(French)	200603	494
SPEC B	(English)	200603	5044
Total Word Count (Document A) 6012			
Total Word Count (Document B) 6302			
Total Word Count (All Documents) 12314			

Specification: ...valve parts rotatably mounted together with a snap arrangement where the second valve part is adapted to cooperate with the first valve part to open and close an air inlet and a fluid outlet of each of the first and... the bottle. The fluid control aperture communicates with the fluid outlets of the first and second valve parts during fluid dispensing. The present invention also relates to a method of dispensing fluid from a bottle including rotating one...

11/3K/2 (Item 2 from file: 348) [Links](#)Fulltext available through: [Order File History](#)

EUROPEAN PATENTS

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01449318

SOLID HIGH POLYMER TYPE FUEL CELL POWER GENERATING DEVICE

FEST-HOCHPOLYMER-BRENNSTOFFZELLEN-STROMVERSORGUNGSSYSTEM
DISPOSITIF DE PRODUCTION DE PUISSANCE PAR PILE A COMBUSTIBLE A ELECTROLYTE HAUT POLYMERE SOLIDE

Patent Assignee:

● Sanyo Electric Co., Ltd.; (2206452)
5-5, Keihanhondori 2-chome; Moriguchi-shi, Osaka 570-0083; (JP)
(Applicant designated States: all)

Inventor:

● TAJIMA, Osamu c/o Sanyo Electric Co., Ltd.
5-5, Keihanhondori 2-chome; Moriguchi-shi, Osaka 570-0083; (JP)

● ODA, Katsuya c/o Sanyo Electric Co., Ltd.
5-5, Keihanhondori 2-chome; Moriguchi-shi, Osaka 570-0083; (JP)

● HATAYAMA, Tatsuji c/o Sanyo Electric Co., Ltd.
5-5, Keihanhondori 2-chome; Moriguchi-shi, Osaka 570-0083; (JP)

● YUKAWA, Tatsuji c/o Sanyo Electric Co., Ltd.
5-5, Keihanhondori 2-chome; Moriguchi-shi, Osaka 570-0083; (JP)

● OUKI, Taketoshi c/o Sanyo Electric Co., Ltd.
5-5, Keihanhondori 2-chome; Moriguchi-shi, Osaka 570-0083; (JP)

● FUJU, Akira c/o Sanyo Electric Co., Ltd.
5-5, Keihanhondori 2-chome; Moriguchi-shi, Osaka 570-0083; (JP)

● SHINDO, Kouji c/o Sanyo Electric Co., Ltd.
5-5, Keihanhondori 2-chome; Moriguchi-shi, Hiroshima 570-0083; (JP)

● TAJIMA, Kazuhiro c/o Sanyo Electric Co., Ltd.
5-5, Keihanhondori 2-chome; Moriguchi-shi, Osaka 570-0083; (JP)

● YAMAMOTO, Satoshi c/o Sanyo Electric Co., Ltd.
5-5, Keihanhondori 2-chome; Moriguchi-shi, Osaka 570-0083; (JP)

● MAKIHARA, Katsuyuki c/o Sanyo Electric Co., Ltd.
5-5, Keihanhondori 2-chome; Moriguchi-shi, Osaka 570-0083; (JP)

● MIYAI, Keigo c/o Sanyo Electric Co., Ltd.
5-5, Keihanhondori 2-chome; Moriguchi-shi, Osaka 570-0083; (JP)

● KADOWAKI, Masataka c/o Sanyo Electric Co., Ltd.
5-5, Keihanhondori 2-chome; Moriguchi-shi, Osaka 570-0083; (JP)

● UEDA, Masatoshi c/o Sanyo Electric Co., Ltd.
5-5, Keihanhondori 2-chome; Moriguchi-shi, Osaka 570-0083; (JP)

Legal Representative:

● Glawe, Delfs. Moll (100699)
Patentanwalte Postfach 26 01 62; 80058 Munchen; (DE)

	Country	Number	Kind	Date	
Patent	EP	1351328	A1	20031008	(Basic)
	WO	2002056403		20020718	
Application	EP	2002729526		20020109	
	WO	2002JP53		20020109	
Priorities	JP	20015782		20010112	
	JP	20016349		20010115	
	JP	20016482		20010115	

Designated States:

AT; BE; CH; CY; DE; DK; ES; FI; FR; GB;
GR; IE; IT; LI; LU; MC; NL; PT; SE; TR;

Extended Designated States:

AL; LT; LV; MK; RO; SI;

International Patent Class (V7): H01M-008/00; H01M-008/04; H01M-008/10 Abstract Word Count: 402

NOTE: 01

NOTE: Figure number on first page: 01

Type	Pub. Date	Kind	Text
Publication: English			
Procedural: English			
Application: Japanese			
Available Text	Language	Update	Word Count
CLAIMS A	(English)	200341	1644

SPEC A	(English)	200341	9665
Total Word Count (Document A) 11309			
Total Word Count (Document B) 0			
Total Word Count (All Documents) 11309			

Specification: ...adjusting apparatus TC keeping the water temperature of the water tank 21 in the predetermined range. The water level controller LC comprises a water level gauge 54 and the electromagnetic valve 56 for constant monitoring of the water amount in the water tank 21, reserves water in the tank so that air for... part. When the water level lowers, the water level controller LC operates the pump 74, adjusts the opening of the electromagnetic valve 56 to feed treated water from the supply tank 67 through the pipe 84, then...

11/3K/3 (Item 3 from file: 348) [Links](#)

Fulltext available through: [Order File History](#)

EUROPEAN PATENTS

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01155503

Damper valve for hydraulic power steering device

Dampferventil für hydraulische Servolenkung

Soupape d'amortissement pour direction assistée hydraulique

Patent Assignee:

• SHOWA CORPORATION; (247732)

14-1 Fujiwara-cho 1-chome; Gyoda-shi, Saitama; (JP)

(Proprietor designated states: all)

Inventor:

• Hamano, Satoshi

c/o Showa Corporation, 112-1 Hagadai, Hagamachi; Haga-gun, Tochigi; (JP)

• Serizawa, Akihiko

c/o Showa Corporation, 112-1 Hagadai, Hagamachi; Haga-gun, Tochigi; (JP)

• Aiko, Satoshi

c/o Showa Corporation, 112-1 Hagadai, Hagamachi; Haga-gun, Tochigi; (JP)

Legal Representative:

• Casalonga, Axel et al (14511)

BUREAU D.A. CASALONGA - JOSSE Paul-Heyse-Strasse 33; 80336 Munchen; (DE)

	Country	Number	Kind	Date	
Patent	EP	1006291	A2	20000607	(Basic)
	EP	1006291	A3	20021030	
	EP	1006291	B1	20040218	
Application	EP	99119043		19990929	
Priorities	JP	98342527		19981202	

Designated States:

DE; GB;

Extended Designated States:

AL; LT; LV; MK; RO; SI;

International Patent Class (V7): F16F-009/34; B62D-005/06; F15B-013/04 Abstract Word Count: 202

NOTE: 3

NOTE: Figure number on first page: 3

Type	Pub. Date	Kind	Text
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Publication: English

Procedural: English

Application: English

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200023	202
SPEC A	(English)	200023	4372
CLAIMS B	(English)	200408	205
CLAIMS B	(German)	200408	183
CLAIMS B	(French)	200408	236
SPEC B	(English)	200408	4383
Total Word Count (Document A) 4575			
Total Word Count (Document B) 5007			
Total Word Count (All Documents) 9582			

Specification: ...of the left and right oil chambers of the power cylinder opens the ball type check valve to flow through the second valve mechanism 053, the flow is subjected to resistance from the ball type check valve, so... one of the left and right chambers of the power cylinder towards the oil passage changing-over valve opens the valve spring 055 to flow through the first valve mechanism 052, the flow is subjected to...

Specification: ...of the left and right oil chambers of the power cylinder opens the ball type check valve to flow through the second valve mechanism 053, the flow is subjected to resistance from the ball type check valve, so... one of the left and right chambers of the power cylinder towards the oil passage changing-over valve opens the valve spring 055 to flow through the first valve mechanism 052, the flow is subjected to...

11/3K/4 (Item 4 from file: 348) [Links](#)

Fulltext available through: [Order File History](#)

EUROPEAN PATENTS

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00847681

Method of applying solvent to a fluid system

Verfahren zur Losemitteleinbringung in ein Flüssigkeitssystem

Methode pour appliquer un solvant dans une systeme fluide

Patent Assignee:

- ISCO, Inc.; (497010)

4700 Superior Street; Lincoln Nebraska 68504; (US)

(applicant designated states: DE;FR;GB;IT)

Inventor:

- Allington, Robert William

2030 Euclid Avenue; Lincoln, NE 68502; (US)

- Jameson, Daniel Gene

7421 Baldwin Street; Lincoln, Nebraska 68507; (US)

Legal Representative:

- UEXKULL & STOLBERG (100011)

Patentanwalte Beselerstrasse 4; 22607 Hamburg; (DE)

	Country	Number	Kind	Date	
Patent	EP	781995	A1	19970702	(Basic)
Application	EP	97250031		19930222	
Priorities	US	843624		19920227	

Designated States:

DE; FR; GB; IT;

Related Parent Numbers: Patent (Application):EP 558172 (EP 932500614)

International Patent Class (V7): G01N-030/36; ; Abstract Word Count: 145

Type	Pub. Date	Kind	Text
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Publication: English

Procedural: English

Application: English

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPAB97	311
SPEC A	(English)	EPAB97	10772
Total Word Count (Document A) 11083			
Total Word Count (Document B) 0			
Total Word Count (All Documents) 11083			

Specification: ...a second signal and upstream from said means for combining fluids, whereby said first and second check valves permit flow from said first and second outlet conduit means into said means for combining fluids and... first and second transducers, whereby an opening of a check valve is detected. The detected opening of a check valve causes the speed of a corresponding pump to be changed to a programmed pumping rate. Means are provided for causing delivery pressures of at least...

11/3K/5 (Item 5 from file: 348) [Links](#)

Fulltext available through: [Order File History](#)

EUROPEAN PATENTS

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00808092

Valved adapter for medical access device

Ventilanschluss für medizinische Injektionsstelle

Raccord a soupape pour site d'injection medicale

Patent Assignee:

- Becton, Dickinson and Company; (208883)

One Becton Drive; Franklin Lakes, New Jersey 07417-1880; (US)

(Proprietor designated states: all)

Inventor:

- Edwards, Floyd V.
9515 Melinda Drive; Clarence, New York 14031; (US)
 - Orr, Douglas P.
9214 Stone View Cove; Sandy, Utah 84093; (US)
- Legal Representative:

- Ruffles, Graham Keith et al (43041)
MARKS & CLERK, 57-60 Lincoln's Inn Fields; London WC2A 3LS; (GB)

	Country	Number	Kind	Date	
Patent	EP	749762	A2	19961227	(Basic)
	EP	749762	A3	19970507	
	EP	749762	B1	20000524	
Application	EP	96304640		19960624	
Priorities	US	494133		19950623	

Designated States:

DE; ES; FR; GB; IT;

International Patent Class (V7): A61M-039/26 Abstract Word Count: 148

NOTE: 3

NOTE: Figure number on first page: 3

Type	Pub. Date	Kind	Text
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Publication: English

Procedural: English

Application: English

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200021	796
CLAIMS B	(German)	200021	847
CLAIMS B	(French)	200021	901
SPEC B	(English)	200021	4156
Total Word Count (Document A) 0			
Total Word Count (Document B) 6700			
Total Word Count (All Documents) 6700			

11/3K/6 (Item 6 from file: 348) [Links](#)Fulltext available through: [Order File History](#)

EUROPEAN PATENTS

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00626153

ELECTROMAGNETIC VALVE

ELEKTROMAGNETISCHES VENTIL

ELECTROVANNE

Patent Assignee:

- DENSO CORPORATION; (211498)
1-1, Showa-cho; Kariya-City Aichi-Pref. 448; (JP)
(Proprietor designated states: all)
Inventor:
 - HAYAKAWA, Hideyuki
Nippondenso Co., Ltd., 1-1, Showa-cho; Kariya-city, Aichi-Pref. 448; (JP)
 - KONDOH, Masuhiro
Nippondenso Co., Ltd., 1-1, Showa-cho; Kariya-city, Aichi-Pref. 448; (JP)
 - IMAEDA, Makoto
Nippondenso Co., Ltd., 1-1, Showa-cho; Kariya-city, Aichi-Pref. 448; (JP)
 - IMOTO, Yuzo
Nippondenso Co., Ltd., 1-1, Showa-cho; Kariya-city, Aichi-Pref. 448; (JP)
 - TAKEDA, Kenji
14, Iwaya, Shimohasumi-cho; Nishio-shi, Aichi-ken 445; (JP)
- Legal Representative:

- Klingseisen, Franz, Dipl.-Ing. et al (6557)
Patentanwalte, Dr. F. Zumstein, Dipl.-Ing. F. Klingseisen, Postfach 10 15 61; 80089 Munchen; (DE)

	Country	Number	Kind	Date	
Patent	EP	670445	A1	19950906	(Basic)

	EP	670445	A1	19951102	
	EP	670445	B1	20000322	
	WO	9410487		19940511	
Application	EP	93923664		19931028	
	WO	93JP1569		19931028	
Priorities	JP	92292939		19921030	
	JP	93147610		19930618	

Designated States:

DE; FR; GB;

International Patent Class (V7): F16K-031/06; B60T-008/36; B60T-008/50; B60T-013/68 Abstract Word Count: 207

Type	Pub. Date	Kind	Text
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Publication: English

Procedural: English

Application: Japanese

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200012	614
CLAIMS B	(German)	200012	524
CLAIMS B	(French)	200012	735
SPEC B	(English)	200012	5631
Total Word Count (Document A) 0			
Total Word Count (Document B) 7504			
Total Word Count (All Documents) 7504			

Specification: ...9.

FIG. 6 indicates the differential pressure - flow characteristics of the solenoid valve in a state of an OFF state (normal-open) of the solenoid valve where $d_1 = (\text{PHI}) 0.7 \text{ mm}$ and $d_2 = (\text{PHI}) 1.0 \text{ mm}$, of a D... restriction of the passage cross-sectional area of the valve seat portion. Consequently, the solenoid valve (b) within the range of effect of the present embodiment exhibits flow characteristics identical to the solenoid valve (a) outside the range of effect of the present embodiment, and because of this it is understood that there...

11/3K/7 (Item 7 from file: 348) [Links](#)Fulltext available through: [Order File History](#)

EUROPEAN PATENTS

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00570108

Multiple solvent delivery system and method

System und Verfahren zum Fordern von Vielstofflosungsmitteln

Systeme et procede pour refouler les solvants multiples

Patent Assignee:

● ISCO, Inc.; (497010)

4700 Superior Street; Lincoln Nebraska 68504; (US)

(Proprietor designated states: all)

Inventor:

● Jameson, Daniel Gene

7421 Baldwin, Lincoln; Nebraska, 68502; (US)

● Allington, Robert William

2030 Euclid Avenue, Lincoln; Nebraska, 68502; (US)

Legal Representative:

● UEXKULL & STOLBERG (100011)

Patentanwalte Beselerstrasse 4; 22607 Hamburg; (DE)

	Country	Number	Kind	Date	
Patent	EP	558172	A2	19930901	(Basic)
	EP	558172	A3	19941207	
	EP	558172	B1	20000531	
Application	EP	93250061		19930222	
Priorities	US	843624		19920227	

Designated States:

DE; FR; GB; IT;

Related Divisions: Patent (Application): EP 781995 (EP 97250031)

International Patent Class (V7): G05D-011/13 Abstract Word Count: 151

NOTE: 1

NOTE: Figure number on first page: 1

Type	Pub. Date	Kind	Text
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Publication: English
 Procedural: English
 Application: English

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200022	948
CLAIMS B	(German)	200022	908
CLAIMS B	(French)	200022	1067
SPEC B	(English)	200022	8921
Total Word Count (Document A) 0			
Total Word Count (Document B) 11844			
Total Word Count (All Documents) 11844			

11/3K/8 (Item 8 from file: 348) [Links](#)

Fulltext available through: [Order File History](#)

EUROPEAN PATENTS

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00464878

Refrigerant recovery system.

Kaltemittelruckgewinnungssystem.

Système de récupération de réfrigérant.

Patent Assignee:

- Kabushiki Kaisha Toshiba; (213137)
 72, Horikawa-cho Saiwai-ku; Kawasaki-shi; (JP)
 (applicant designated states: DE;GB)
 Inventor:
- Sakuma, Tsutomu, c/o Intellectual Property Div.
 K.K. Toshiba, 1-1, Shibaura 1-chome, Minato-ku; Tokyo 105; (JP)
 Legal Representative:

- Henkel, Feiler, Hanzel & Partner (100401)

Mohlstrasse 37; D-81675 München; (DE)

	Country	Number	Kind	Date	
Patent	EP	472854	A1	19920304	(Basic)
	EP	472854	B1	19940601	
Application	EP	91110762		19910628	
Priorities	JP	90222251		19900822	

Designated States:

DE; GB;

International Patent Class (V7): F25B-045/00; ; Abstract Word Count: 155

Type	Pub. Date	Kind	Text
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Publication: English

Procedural: English

Application: English

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	762
CLAIMS B	(German)	EPBBF1	697
CLAIMS B	(French)	EPBBF1	909
SPEC B	(English)	EPBBF1	4337
Total Word Count (Document A) 0			
Total Word Count (Document B) 6705			
Total Word Count (All Documents) 6705			

Specification: ...pressure in the refrigeration cycle circuit becomes the saturated vapor pressure (step S7). When this state is attained, the CPU 32 closes the second opening/closing valve 6 (step S8).

The refrigerant recovering steps described above are performed with the refrigeration scheme...

11/3K/9 (Item 9 from file: 348) [Links](#)

Fulltext available through: [Order File History](#)

EUROPEAN PATENTS

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00431662

Emission control system for a crankcase-scavenged two-stroke engine operating near idle.

Schadstoffregelungssystem für einen Zweitaktmotor mit Kurbelgehäusespülung beim Leerlaufnahen Bereich.

Système de commande d'émissions pour un moteur deux temps à balayage du carter de vilebrequin fonctionnant près du

ralenti.

Patent Assignee:

- GENERAL MOTORS CORPORATION; (203111)
General Motors Building 3044 West Grand Boulevard; Detroit Michigan 48202; (US)
(applicant designated states: DE;FR;GB;IT)

Inventor:

- Albertson, William Conrad
14430 Rice Dr.; Sterling Heights, Michigan 48078; (US)
- Reinke, Paul Edward
1133 Springwood; Rochester, Michigan 48309; (US)
- Fenton, Donald Marion
4675 Oakvista Avenue; Drayton Plains, Michigan 48020; (US)
- Stiles, Steven Douglas
6488 E. Church St.; Clarkston, Michigan 48016; (US)

Legal Representative:

- Denton, Michael John et al (51983)

Patent Section 1st Floor Gideon House 28 Chapel Street; Luton Bedfordshire LU1 2SE; (GB)

	Country	Number	Kind	Date	
Patent	EP	413432	A2	19910220	(Basic)
	EP	413432	A3	19910502	
	EP	413432	B1	19930428	
Application	EP	90307616		19900711	
Priorities	US	393189		19890814	

Designated States:

DE; FR; GB; IT;

International Patent Class (V7): F02D-041/10 Abstract Word Count: 195

Type	Pub. Date	Kind	Text
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Publication: English

Procedural: English

Application: English

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	434
CLAIMS B	(German)	EPBBF1	387
CLAIMS B	(French)	EPBBF1	517
SPEC B	(English)	EPBBF1	4457
Total Word Count (Document A) 0			
Total Word Count (Document B) 5795			
Total Word Count (All Documents) 5795			

Specification: ...linkage assembly, the preferred embodiment of the present invention requires a mechanism for further reducing air flow through intake manifold 20, during the linkage lost-motion interval. Referring again to Figure 1, intake manifold 20 is provided with a passage 76, which bypasses the throttle valve formed by throttle... Within passage 76 is a bypass valve 78 for restricting airflow. The position of bypass valve 78 with respect to passage port 80 in the intake manifold 20, determines the amount of air bypassing the throttle valve. Computer 48 remotely controls the position of bypass valve 78 by sending an appropriate...

11/3K/10 (Item 10 from file: 348) [Links](#)

Fulltext available through: [Order File History](#)

EUROPEAN PATENTS

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00419063

Water closet flushing apparatus.

Toilettenspülvorrichtung.

Dispositif de chasse d'eau pour une toilette.

Patent Assignee:

- TOTO LTD.; (584380)
No. 1-1, Nakashima 2-chome Kokurakita-ku; Kitakyushu-shi Fukuoka-ken; (JP)
(applicant designated states: AT;BE;CH;DE;DK;ES;FR;GB;GR;IT;LI;LU;NL;SE)
- Inventor:
- Tsutsui, Osamu
c/o Toto Ltd. Chigasaki Kojo, 8-1, Honson 2-chome; Chigasaki-shi, Kanagawa-ken; (JP)

- Makita, Atsuo
c/o Toto Ltd. Chigasaki Kojo, 8-1, Honson 2-chome; Chigasaki-shi, Kanagawa-ken; (JP)
 - Takeuchi, Hirofumi
c/o Toto Ltd. Chigasaki Kojo, 8-1, Honson 2-chome; Chigasaki-shi, Kanagawa-ken; (JP)
 - Shibata, Shinji
c/o Toto Ltd. Chigasaki Kojo, 8-1, Honson 2-chome; Chigasaki-shi, Kanagawa-ken; (JP)
 - Shinbara, Noboru
c/o Toto Ltd. Chigasaki Kojo, 8-1, Honson 2-chome; Chigasaki-shi, Kanagawa-ken; (JP)
- Legal Representative:

- Klunker . Schmitt-Nilson . Hirsch (101001)
Winzererstrasse 106; W-8000 Munchen 40; (DE)

	Country	Number	Kind	Date	
Patent	EP	415432	A2	19910306	(Basic)
	EP	415432	A3	19910703	
	EP	415432	B1	19930331	
Application	EP	90116700		19900830	
Priorities	JP	89228007		19890901	
	JP	89228009		19890901	
	JP	89228010		19890901	
	JP	89228031		19890901	
	JP	89228032		19890901	
	JP	89228033		19890901	
	JP	89228035		19890901	
	JP	89228036		19890901	
	JP	89228037		19890901	
	JP	89228045		19890901	
	JP	89228049		19890901	

Designated States:

AT; BE; CH; DE; DK; ES; FR; GB; GR; IT;

LI; LU; NL; SE;

International Patent Class (V7): E03D-005/10; ; Abstract Word Count: 83

Type	Pub. Date	Kind	Text
Publication: English			
Procedural: English			
Application: English			
Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	2702
CLAIMS B	(German)	EPBBF1	1472
CLAIMS B	(French)	EPBBF1	2560
SPEC B	(English)	EPBBF1	8310
Total Word Count (Document A) 0			
Total Word Count (Document B) 15044			
Total Word Count (All Documents) 15044			

Specification: ...embodiment is characterized in that the pressure sensor 22 is disposed upstream of the automatic opening and closing valve 20 but the other configuring elements are the same as those for the first embodiment, are indicated with the same numerals, and...The apparatus according to this embodiment differs from that of the first embodiment described above in that it is possible to detect the water supply pressure when the automatic opening and closing valve 20 is in the closed status (still water status).

The following is a description of the operation of the apparatus according to the third...

11/3K/11 (Item 11 from file: 348) [Links](#)

Fulltext available through: [Order File History](#)

EUROPEAN PATENTS

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00400618

Two-cycle heat-insulating engine.

Warmeisolierte Zweitaktmaschine.

Moteur calorifuge a deux temps.

Patent Assignee:

- Isuzu Motors Limited; (493874)
22-10, 6-chome, Minamiohoi Shinagawa-ku; Tokyo; (JP)
(applicant designated states: DE;GB)

Inventor:

● Kawamura, Hideo
8-13-5, Okada, Samukawa-machi; Kouza-gun, Kanagawa-ken; (JP)
Legal Representative:

● Richards, David John et al (35211)
PAGE, WHITE & FARRER 54 Doughty Street; London WC1N 2LS; (GB)

	Country	Number	Kind	Date	
Patent	EP	397361	A1	19901114	(Basic)
	EP	397361	B1	19940302	
Application	EP	90304615		19900427	
Priorities	JP	89114143		19890509	

Designated States:

DE; GB;

International Patent Class (V7): F02B-075/02; F02B-025/04; F02B-077/02; Abstract Word Count: 194

Type	Pub. Date	Kind	Text
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Publication: English

Procedural: English

Application: English

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	554
CLAIMS B	(German)	EPBBF1	492
CLAIMS B	(French)	EPBBF1	623
SPEC B	(English)	EPBBF1	5076
Total Word Count (Document A) 0			
Total Word Count (Document B) 6745			
Total Word Count (All Documents) 6745			

Specification: ...rate sensor 29 detects the air flow impinging against a heating wire through which a current flows, by the change of the resistance value of the heating wire, and the signal from this intake air flow rate sensor 29 is inputted to... ..and can detect the intake air flow rate flowing through each intake port 11. The intake air flow rate thus detected is inputted to the controller 15.

The controller 15 comprises a microcomputer and is equipped with a central processing unit for...

11/3K/12 (Item 12 from file: 348) [Links](#)Fulltext available through: [Order File History](#)

EUROPEAN PATENTS

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00400617

Exhaust gas recirculation system of an engine.

Vorrichtung zur Abgasrückführung an einer Brennkraftmaschine.

Dispositif de recirculation des gaz d'échappement pour moteur à combustion interne.

Patent Assignee:

● Isuzu Motors Limited; (493874)
22-10, 6-chome, Minamiohoi Shinagawa-ku; Tokyo; (JP)
(applicant designated states: DE;GB)

Inventor:

● Kawamura, Hideo
8-13-5, Okada, Samukawa-machi; Kouza-gun, Kanagawa-ken; (JP)
Legal Representative:

● Richards, David John et al (35211)
PAGE, WHITE & FARRER 54 Doughty Street; London WC1N 2LS; (GB)

	Country	Number	Kind	Date	
Patent	EP	397360	A1	19901114	(Basic)
	EP	397360	B1	19931201	
Application	EP	90304614		19900427	
Priorities	JP	89114140		19890509	

Designated States:

DE; GB;

International Patent Class (V7): F02D-021/08; F01L-009/04; Abstract Word Count: 139

Type	Pub. Date	Kind	Text
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Publication: English

Procedural: English

Application: English

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	899
CLAIMS B	(German)	EPBBF1	729
CLAIMS B	(French)	EPBBF1	925
SPEC B	(English)	EPBBF1	6894
Total Word Count (Document A) 0			
Total Word Count (Document B) 9447			
Total Word Count (All Documents) 9447			

Specification: ...that change incessantly.

Alternatively, the engine may effect exhaust gas recirculation for a predetermined cylinder of a multiple cylinder engine so as to obtain a detection signal detecting the intake flow rate of this cylinder, stop exhaust gas recirculation for other cylinders so as to obtain detection signals detecting the intake... ..detection values.

Accordingly, the exhaust gas recirculation flow rate can be detected immediately, accurately and reliably at all times in response to the change of the engine load and number of revolution and further, in accordance with various conditions...11. This intake air flow rate sensor 29 detects the air flow impinging against a heating wire through which a current flows, by the change of the resistance value of the heating wire, and the signal from this intake air... ..sensor 29 is inputted to an intake air flow rate processor 30 and can detect the intake air flow rate flowing through each intake port 11. The intake air flow rate thus detected is inputted to the controller 15.

The controller 15 comprises a microcomputer and is equipped with a central processing unit...

11/3K/13 (Item 13 from file: 348) [Links](#)

Fulltext available through: [Order File History](#)

EUROPEAN PATENTS

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00370499

Dispensing apparatus for molten metal and method thereto.

Vorrichtung zum Verteilen von flüssigem Metall und Verfahren dazu.

Dispositif de distribution pour metal liquide et procede.

Patent Assignee:

- Electricity Association Services Limited; (1256330)

30 Millbank; London SW1P 4RD; (GB)

(applicant designated states: AT;BE;CH;DE;ES;FR;GB;GR;IT;LI;LU;NL;SE)

- CHAMBERLIN & HILL PLC; (1154410)

Grey Iron Division Chuckery Foundry; Walsall WS1 2DU; (GB)

(applicant designated states: AT;BE;CH;DE;ES;FR;GB;GR;IT;LI;LU;NL;SE)

Inventor:

- Wilford, Colin Forster

Adswood Townfield Lane; Mollington Chester CH1 6LB; (GB)

- Williams, Norman Barrie

7 Kynnersley Lane Leighton; Shrewsbury Shropshire, SY5 6RS; (GB)

Legal Representative:

- Cross, Rupert Edward Blount et al (42891)

BOULT, WADE & TENNANT 27 Furnival Street; London EC4A 1PQ; (GB)

	Country	Number	Kind	Date	
Patent	EP	366310	A1	19900502	(Basic)
	EP	366310	B1	19921230	
Application	EP	89310461		19891012	
Priorities	GB	8824000		19881013	
	GB	8916295		19890717	

Designated States:

AT; BE; CH; DE; ES; FR; GB; GR; IT; LI;

LU; NL; SE;

International Patent Class (V7): B22D-039/00; ; Abstract Word Count: 193

Type	Pub. Date	Kind	Text
Publication: English			
Procedural: English			
Application: English			
Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	804
CLAIMS B	(German)	EPBBF1	704
CLAIMS B	(French)	EPBBF1	924
SPEC B	(English)	EPBBF1	3870
Total Word Count (Document A) 0			

Total Word Count (Document B) 6302
Total Word Count (All Documents) 6302

Specification: ...of liquid is dispensed.

During dispensing the control unit 43 is set to operate in a dispensing mode in which the first control valve 14 remains closed and the second control valve 28 is opened and closed in a controlled manner to admit air to the chamber 15 at a...
...level 17 falls out of contact with the sensor 20 the control unit reacts by commanding the second control valve 28 to open thereby admitting a flow of air regulated by the needle valve 26 into the chamber 15 such that liquid 18 is partially...

11/3K/14 (Item 14 from file: 348) [Links](#)

Fulltext available through: [Order File History](#)

EUROPEAN PATENTS

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00356648

Vehicle suspension system.

Fahrzeugaufhangungssystem.

Système de suspension pour véhicule.

Patent Assignee:

● Mazda Motor Corporation; (547921)
No. 3-1, Shinchi Fuchu-cho; Aki-gun Hiroshima-ken; (JP)
(applicant designated states: DE;FR;GB)
Inventor:

● Kamimura, Shoichi, Ing. c/o Mazda Motor Corp.
No. 3-1 Shinchi Fuchu-cho; Aki-gun Hiroshima-ken; (JP)

● Edahiro, Takeshi, Ing. c/o Mazda Motor Corp.
No. 3-1 Shinchi Fuchu-cho; Aki-gun Hiroshima-ken; (JP)

● Takehara, Shin, Ing. c/o Mazda Motor Corp.
No. 3-1 Shinchi Fuchu-cho; Aki-gun Hiroshima-ken; (JP)

● Morita, Toshiki, Ing. c/o Mazda Motor Corp.
No. 3-1 Shinchi Fuchu-cho; Aki-gun Hiroshima-ken; (JP)

Legal Representative:

● LOUIS, POHLAU, LOHRENTZ & SEGETH (100391)

Postfach 3055; D-90014 Nurnberg; (DE)

	Country	Number	Kind	Date	
Patent	EP	374900	A2	19900627	(Basic)
	EP	374900	A3	19910410	
	EP	374900	B1	19940119	
Application	EP	89123589		19891220	
Priorities	JP	88322847		19881220	

Designated States:

DE; FR; GB;

International Patent Class (V7): B60G-017/01; ; Abstract Word Count: 165

Type	Pub. Date	Kind	Text
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Publication: English

Procedural: English

Application: English

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	764
CLAIMS B	(German)	EPBBF1	594
CLAIMS B	(French)	EPBBF1	848
SPEC B	(English)	EPBBF1	4652

Total Word Count (Document A) 0

Total Word Count (Document B) 6858

Total Word Count (All Documents) 6858

Specification: ...A constriction 43 is provided in the pilot line 39 and delays closure of the check valve 38 (e.g., for one second) when the fail-safe valve 41 opens. Reference numeral 44 denotes a relief valve which opens and returns the hydraulic oil in the fluid cylinders to the low pressure line 36 when the hydraulic pressure in the fluid cylinders 3FL...

11/3K/15 (Item 15 from file: 348) [Links](#)

Fulltext available through: [Order File History](#)

EUROPEAN PATENTS

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00335586

Controlling engine fuel injection
 Steuerung für Motor-Kraftstoffeinspritzung
 Commande d'injection de carburant pour moteur

Patent Assignee:

● HITACHI, LTD.; (204141)
 6, Kanda Surugadai 4-chome; Chiyoda-ku, Tokyo 101; (JP)
 (applicant designated states: DE;FR;GB)
 Inventor:

● Takahashi, Shinsuke
 Iijima Haitsu 101 2-17-3, Azamino Midori-ku; Yokohama-shi Kanagawa; (JP)

● Sekozawa, Teruji
 4-1-2-1009, Hakusan Asao-ku; Kawasaki-shi Kanagawa; (JP)

● Funabashi, Motohisa
 4-6-4-505, Araisono; Sagami-hara-shi Kanagawa; (JP)
 Legal Representative:

● Strehl Schubel-Hopf Groening & Partner (100941)
 Maximilianstrasse 54; D-80538 München; (DE)

	Country	Number	Kind	Date	
Patent	EP	326065	A2	19890802	(Basic)
	EP	326065	A3	19891123	
	EP	326065	B1	19930120	
Application	EP	89101142		19890123	
Priorities	JP	8817062		19880129	

Designated States:

DE; FR; GB;

International Patent Class (V7): F02D-041/14 Abstract Word Count: 130

Type	Pub. Date	Kind	Text
Publication: English			
Procedural: English			
Application: English			

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPAB95	857
CLAIMS B	(German)	EPAB95	708
CLAIMS B	(French)	EPAB95	1016
SPEC B	(English)	EPAB95	8570
Total Word Count (Document A) 0			
Total Word Count (Document B) 11151			
Total Word Count (All Documents) 11151			

Specification: ...calculation. <DFG> (Formula omitted) (Formula omitted)</DFG> Wherein, P_m and P_m' is the real manifold pressure in each steady-state running condition and is the unknown parameter.

As the two running conditions appear closely, the... ..atmospheric condition does not change suddenly, the difference between the real value of the air flow and the estimated value is very small. Thus, the difference between the real value of the manifold pressure and the estimated value is also small.

Therefore, the...

11/3K/16 (Item 16 from file: 348) [Links](#)

Fulltext available through: [Order File History](#)

EUROPEAN PATENTS

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00313710

Apparatus and method for the injection molding of thermoplastics.

Vorrichtung und Verfahren zum Spritzgießen von thermoplastischen Kunststoffen.

Dispositif et procede pour mouler par injection des matieres thermoplastiques.

Patent Assignee:

● Melea Limited; (1649670)
 Suites 2 & 3, Main Street Gibraltar Heights; Gibraltar; (GI)
 (applicant designated states: BE;DE;ES;FR;GB;IT;SE)
 Inventor:

● Hendry, James W.
 3495 Rackley Road; Jacksonville Florida 34609; (US)

Legal Representative:

- Rehders, Jochen, Dipl.-Ing. et al (9403)
Stresemannstrasse 28; D-40210 Dusseldorf; (DE)

	Country	Number	Kind	Date	
Patent	EP	298631	A2	19890111	(Basic)
	EP	298631	A3	19900110	
	EP	298631	B1	19931013	
Application	EP	88305734		19880623	
Priorities	US	71363		19870709	

Designated States:

BE; DE; ES; FR; GB; IT; SE;

International Patent Class (V7): B29C-045/23; B29C-045/17; Abstract Word Count: 213

Type	Pub. Date	Kind	Text
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Publication: English

Procedural: English

Application: English

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	2184
CLAIMS B	(German)	EPBBF1	688
CLAIMS B	(French)	EPBBF1	888
SPEC B	(English)	EPBBF1	6156

Total Word Count (Document A) 0

Total Word Count (Document B) 9916

Total Word Count (All Documents) 9916

Specification: ...valve body, said valve body including a tip portion and a fluid passage formed in said valve body and open at one end through said tip portion; connection means adapted for... ..close position thereby preventing the flow of plastic through said nozzle body; and a second valve for preventing the flow of plastic through said valve body fluid passage, the second valve including first means permitting the flow of pressurized fluid in a first direction through the valve body fluid passage and second means for permitting the flow of pressurized fluid in a second direction opposite the first direction through the valve...

11/3K/17 (Item 17 from file: 348) [Links](#)Fulltext available through: [Order File History](#)

EUROPEAN PATENTS

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00308078

Automatic thermal and speed controls for viscous fluid clutches.

Automatische Temperatur- und Geschwindigkeitssteuerung für Flüssigkeitskupplung.

Commande automatique par température et vitesse pour embrayages à fluide visqueux.

Patent Assignee:

- KYSOR INDUSTRIAL CORPORATION; (241510)
1 Madison Avenue; Cadillac Michigan 49601; (US)
(applicant designated states: AT;BE;CH;DE;ES;FR;GB;IT;LI;LU;NL;SE)

Inventor:

- Elmer, Arthur Ernest Henry
Canter's Brook Cottages Brewery Lane; Nailsworth Gloucestershire GL5 0JH; (GB)

Legal Representative:

- Newell, William Joseph et al (53194)

Wynne-Jones, Laine & James 22 Rodney Road; Cheltenham Gloucestershire GL50 1JJ; (GB)

	Country	Number	Kind	Date	
Patent	EP	274408	A2	19880713	(Basic)
	EP	274408	A3	19881026	
	EP	274408	B1	19920429	
Application	EP	88300019		19880105	
Priorities	GB	8700213		19870107	

Designated States:

AT; BE; CH; DE; ES; FR; GB; IT; LI; LU;

NL; SE;

International Patent Class (V7): F16D-035/00; ; Abstract Word Count: 145

Type	Pub. Date	Kind	Text
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Publication: English

Procedural: English

Application: English

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	907
CLAIMS B	(German)	EPBBF1	795
CLAIMS B	(French)	EPBBF1	911
SPEC B	(English)	EPBBF1	4104
Total Word Count (Document A) 0			
Total Word Count (Document B) 6717			
Total Word Count (All Documents) 6717			

Specification: ...a first valve element connected to and operated by a thermal sensing device, and a second valve element having a fluid piston and co-operating with the first valve element to open and close a valve orifice between...
 ...port which communicates with a chamber exposed to one side of the valve, such that changes in the sensed temperature cause movements of the first valve element to open and close the valve and the resultant changes in output pressure exerted on the valve piston cause the second valve member to move in a direction to close the...

11/3K/18 (Item 18 from file: 348) [Links](#)Fulltext available through: [Order File History](#)

EUROPEAN PATENTS

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00306465

Hydraulic drive system.

Hydraulisches Antriebssystem.

Systeme de commande hydraulique.

Patent Assignee:

● HITACHI CONSTRUCTION MACHINERY CO., LTD.; (410901)

6-2, Ohtemachi 2-chome; Chiyoda-ku Tokyo 100; (JP)

(applicant designated states: DE;FR;GB;IT;SE)

Inventor:

● Izumi, Eiki

2613-343, Shimoinayoshi Chiyoda-mura; Nihari-gun Ibaragi-ken; (JP)

● Hirata, Toichi

4-203, Sakae-cho; Ushiku-shi Ibaragi-ken; (JP)

● Nozawa, Yusaku

2930-14, Hanadate Minori-machi; Higashi-Ibaragi-gun Ibaragi-ken; (JP)

● Shimotori, Masahiko

69-138, Mita; Nagareyama-shi Chiba-ken; (JP)

Legal Representative:

● Smulders, Theodorus A.H.J., Ir. et al (21191)

Vereenigde Octrooibureaux Nieuwe Parklaan 97; NL-2587 BN 's-Gravenhage; (NL)

	Country	Number	Kind	Date	
Patent	EP	297682	A2	19890104	(Basic)
	EP	297682	A3	19890412	
	EP	297682	B1	19921209	
Application	EP	88201351		19880629	
Priorities	JP	87162703		19870630	
	JP	87234992		19870921	

Designated States:

DE; FR; GB; IT; SE;

International Patent Class (V7): F15B-013/042; E02F-003/32; E02F-009/22; Abstract Word Count: 298

Type	Pub. Date	Kind	Text
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Publication: English

Procedural: English

Application: English

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	2495
CLAIMS B	(German)	EPBBF1	1249
CLAIMS B	(French)	EPBBF1	1525
SPEC B	(English)	EPBBF1	17339
Total Word Count (Document A) 0			
Total Word Count (Document B) 22608			
Total Word Count (All Documents) 22608			

Specification: ...hydraulic construction machines and the working modes thereof. SUMMARY OF THE INVENTION

To achieve the above object, the present invention provides a hydraulic drive system of the above described type wherein each of said first and second flow... and an outlet port both connected to said main circuit, a variable restrictor capable of changing an opening degree thereof in response to displacements of said valve body, and a back pressure chamber communicating with said...

11/3K/19 (Item 19 from file: 348) [Links](#)

Fulltext available through: [Order File History](#)

EUROPEAN PATENTS

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00297088

Liquid measuring apparatus.

Einrichtung zum Messen von Flüssigkeitsmengen.

Dispositif pour mesurer les quantités de liquides.

Patent Assignee:

- FUJI PHOTO FILM CO., LTD.; (202400)
210 Nakanuma Minami Ashigara-shi; Kanagawa 250-01; (JP)
(applicant designated states: DE;GB;NL)
Inventor:

- Higuchi, Noboru Fuji Photo Film Co., Ltd.
No. 210 Nakanuma; Minami Ashigara-shi Kanagawa; (JP)

- Kobayashi, Chuzo Fuji Photo Film Co., Ltd.
No. 210 Nakanuma; Minami Ashigara-shi Kanagawa; (JP)

- Ichikawa, Yasunori Fuji Photo Film Co., Ltd.
No. 210 Nakanuma; Minami Ashigara-shi Kanagawa; (JP)

- Matsui, Keizo Fuji Photo Film Co., Ltd.
No. 210 Nakanuma; Minami Ashigara-shi Kanagawa; (JP)

- Yamaguchi, Shigeru c/o Photo Film Co., Ltd.
No. 210 Nakanuma; Minami Ashigara-shi Kanagawa; (JP)
Legal Representative:

- Patentanwälte Grunecker, Kinkeldey, Stockmair & Partner (100721)
Maximilianstrasse 58; D-80538 München; (DE)

	Country	Number	Kind	Date	
Patent	EP	304093	A2	19890222	(Basic)
	EP	304093	A3	19900425	
	EP	304093	B1	19940216	
Application	EP	88113631		19880822	
Priorities	JP	87206587		19870821	
	JP	87206588		19870821	
	JP	87245755		19871001	
	JP	87245757		19871001	
	JP	87257393		19871014	

Designated States:

DE; GB; NL;

International Patent Class (V7): G01F-013/00; G05D-007/06; Abstract Word Count: 167

Type	Pub. Date	Kind	Text
Publication: English			
Procedural: English			
Application: English			
Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	804
CLAIMS B	(German)	EPBBF1	769
CLAIMS B	(French)	EPBBF1	935
SPEC B	(English)	EPBBF1	18863
Total Word Count (Document A) 0			
Total Word Count (Document B) 21371			
Total Word Count (All Documents) 21371			

Specification: ...the outlet-side casing. The valve head is so shaped that, with respect to the valve opening degree defined by the surface of the valve head and the valve seat, the rate of change of flow rate with valve stroke is small and linear, and the valve stroke to fully open the valve is provided in the inlet-side casing.

Although the foregoing object of the present invention... plurality of liquids to prepare a liquid mixture and for metrically distributing the liquid mixture by closed-loop liquid measuring means in which a velocity of flow is allowed to change continuously. The apparatus comprises: a plurality of supply tanks respectively filled with liquids as raw... tanks to which

the mixed liquid in the mixer tank is distributed; a plurality of opening-regulated (flow-control) valves respectively associated with the supply tanks and the distribution tanks for restricting flow rates, each... ..control vales having a dead zone where no flow rate is generated within a predetermined range; a detector arranged at the mixer for measuring liquids; a measurement control unit for performing fuzzy control on the basis of actual values measured by the...

11/3K/20 (Item 20 from file: 348) [Links](#)

Fulltext available through: [Order File History](#)

EUROPEAN PATENTS

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00290500

Method of and apparatus for measuring liquid.

Verfahren und Vorrichtung zum Messen von Flüssigkeit.

Procede et dispositif pour mesurer un liquide.

Patent Assignee:

● FUJI PHOTO FILM CO., LTD.; (202400)
210 Nakanuma Minami Ashigara-shi; Kanagawa 250-01; (JP)
(applicant designated states: DE;GB;NL)

Inventor:

● Higuchi, Noboru Fuji Photo Film Co., Ltd.
No. 210 Nakanuma; Minami Ashigara-shi Kanagawa 250-01; (JP)

● Matsui, Keizo Fuji Photo Film Co., Ltd.
No. 210 Nakanuma; Minami Ashigara-shi Kanagawa 250-01; (JP)

● Kobayashi, Chuzo Fuji Photo Film Co., Ltd.
No. 210 Nakanuma; Minami Ashigara-shi Kanagawa 250-01; (JP)

● Yamaguchi, Shigeru Fuji Photo Film Co., Ltd.
No. 210 Nakanuma; Minami Ashigara-shi Kanagawa 250-01; (JP)

Legal Representative:

● Patentanwälte Grunecker, Kinkeldey, Stockmair & Partner (100721)

Maximilianstrasse 58; W-8000 Munchen 22; (DE)

	Country	Number	Kind	Date	
Patent	EP	290889	A1	19881117	(Basic)
	EP	290889	B1	19930127	
Application	EP	88106920		19880429	
Priorities	JP	87106412		19870501	
	JP	87113430		19870512	
	JP	87115891		19870514	

Designated States:

DE; GB; NL;

International Patent Class (V7): G01F-013/00; ; Abstract Word Count: 160

Type	Pub. Date	Kind	Text
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Publication: English

Procedural: English

Application: English

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	1523
CLAIMS B	(German)	EPBBF1	1405
CLAIMS B	(French)	EPBBF1	1605
SPEC B	(English)	EPBBF1	9609
Total Word Count (Document A) 0			
Total Word Count (Document B) 14142			
Total Word Count (All Documents) 14142			

Specification: ...block diagram of a dual liquid measuring device, showing an embodiment of an apparatus according to the invention;

FIG. 9 is a block diagram illustrating a control system for the multiple liquid measuring mixer of Fig. 8;

FIG. 10 is a block diagram illustrating a variant form of the ...

Claims: ...the time-variation in a membership function, determining a membership value of a time-variation of the degree of opening of the valve using the membership values of the deviation and the time-variation and the set of fuzzy rules, and...liquid as set forth in claim 7, wherein said first means for defining a flow passage has a stop valve mounted thereto, downstream of said first means for regulating, responsive to said control mechanism regulating, for preventing flow of the first liquid to the receiving means, and said second means for defining the flow passage has a second stop valve mounted thereto, downstream of said second means for regulating, responsive to said control mechanism for preventing the second fluid from flowing to said means...

11/3K/21 (Item 21 from file: 348) [Links](#)

Fulltext available through: [Order File History](#)

EUROPEAN PATENTS

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00289641

Engine control method

Motorsteuerungsmethode

Methode de commande de moteur

Patent Assignee:

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(applicant designated states: DE;FR;GB)

Inventor:

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Legal Representative:

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	Country	Number	Kind	Date	
Patent	EP	296323	A2	19881228	(Basic)
	EP	296323	A3	19890125	
	EP	296323	B1	19910320	
Application	EP	88106047		19831123	
Priorities	JP	82204667		19821124	

Related Parent Numbers: Patent (Application):EP 110312

International Patent Class (V7): F02D-031/00Abstract Word Count: 118

Type	Pub. Date	Kind	Text
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Publication: English

Procedural: English

Application: English

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPAB96	319
CLAIMS B	(German)	EPAB96	256
CLAIMS B	(French)	EPAB96	370
SPEC B	(English)	EPAB96	5843
Total Word Count (Document A) 0			
Total Word Count (Document B) 6788			
Total Word Count (All Documents) 6788			

Claims: ...B2

1. In an engine control system comprising

(A) a throttle valve (16) provided in an intake path (6) for controlling a flow rate of intake air being introduced into the engine,

(B) a bypass (26) provided in parallel with the throttle valve... auxiliary intake air being introduced into the engine,

(D) a plurality of sensors including a throttle opening sensor (idle switch 148) for detecting the closed state of said throttle valve (16),

(E) central processing means (64) for computing a value of...

11/3K/22 (Item 22 from file: 348) [Links](#)

Fulltext available through: [Order File History](#)

EUROPEAN PATENTS

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00272114

Ignition timing controller for engine.

Zündsteuerung einer Maschine.

Commande de l'allumage d'un moteur.

Patent Assignee:

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Legal Representative:

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	Country	Number	Kind	Date	
Patent	EP	266212	A1	19880504	(Basic)
	EP	266212	B1	19920115	
Application	EP	87309605		19871030	
Priorities	JP	86260528		19861031	

Designated States:

DE; FR; GB;

International Patent Class (V7): F02P-005/145; F02D-033/02; Abstract Word Count: 200

Type	Pub. Date	Kind	Text
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Publication: English

Procedural: English

Application: English

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	1742
CLAIMS B	(German)	EPBBF1	1248
CLAIMS B	(French)	EPBBF1	1982
SPEC B	(English)	EPBBF1	7621
Total Word Count (Document A) 0			
Total Word Count (Document B) 12593			
Total Word Count (All Documents) 12593			

Specification: ...a valve-opening state discriminating unit 351 for discriminating whether or not the current operation state is in the valve- opening delaying state C, further with a function as a delay time calculating unit 352 for calculating the... ..by the unit 352 (see FIGURE 9). For this purpose, an ROM (read-only memory) of the computer is loaded in advance with a valve-opening delaying state calculating map for calculating the valve-opening delaying state C determined by the engine revolution number N and the intake manifold negative pressure P (sub(IM)) (or the...

11/3K/23 (Item 23 from file: 348) [Links](#)Fulltext available through: [Order File History](#)

EUROPEAN PATENTS

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00212155

Measuring device for measuring a fuel injection quantity.

Messeinrichtung zum Messen einer Brennstoffeinspritzmenge.

Dispositif de mesure pour mesurer une quantite de carburant d'injection.

Patent Assignee:

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(applicant designated states: AT;DE;GB)

Inventor:

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- Nohira, Hidetaka

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● Omori, Yukimitsu TECHNICAL CENTER
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 Legal Representative:

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 Patentanwaltsburo Tiedtke-Buhling-Kinne-Grupe-Pellmann-Grams-Struif Bavariaring 4; W-8000 Munchen 2; (DE)

	Country	Number	Kind	Date	
Patent	EP	228621	A1	19870715	(Basic)
	EP	228621	B1	19910918	
Application	EP	86117157		19861209	
Priorities	JP	85276537		19851209	
	JP	85276538		19851209	
	JP	85281425		19851213	
	JP	85281426		19851213	
	JP	85298212		19851226	
	JP	85298213		19851226	

Designated States:

AT; DE; GB;

International Patent Class (V7): G01F-003/20; F02M-065/00; Abstract Word Count: 192

Type	Pub. Date	Kind	Text
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Publication: English

Procedural: English

Application: English

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	682
CLAIMS B	(German)	EPBBF1	564
CLAIMS B	(French)	EPBBF1	811
SPEC B	(English)	EPBBF1	14468
Total Word Count (Document A) 0			
Total Word Count (Document B) 16525			
Total Word Count (All Documents) 16525			

Specification: ...which measures and controls the fuel injection quantity, and a valve drive unit 14 which opens and closes discharge valves 7, 8, 9 and 10 of the discharge receiving vessel 3 and a drain exhaust valve 12. The measuring and controlling part 5 operates as a fuel injection quantity computing means. In the first embodiment, a fuel injection pump

11/3K/24 (Item 1 from file: 349) [Links](#)

Fulltext available through: [Order File History](#)

PCT FULLTEXT

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00486674

GRAVITY FEED FLUID DISPENSING VALVE

SOUPAPE DE DISTRIBUTION DE FLUIDE PAR GRAVITE

Patent Applicant/Patent Assignee:

● MINNESOTA MINING AND MANUFACTURING COMPANY

Inventor(s):

● DYER John J

● GUNDERSON Corry P

	Country	Number	Kind	Date
Patent	WO	9918026	A1	19990415
Application	WO	98US18798		19980910
Priorities	US	97946759		19971008

Designated States: (Protection type is "Patent" unless otherwise stated - for applications prior to 2004)

AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY,
 CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI,
 GB, GE, GH, GM, HR, HU, ID, IL, IS, JP,
 KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT,
 LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ,
 PL, PT, RO, RU, SD, SE, SG, SI, SK, SL,
 TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW,

GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AM,
AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE,
CH, CY, DE, DK, ES, FI, FR, GB, GR, IE,
IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG,
CI, CM, GA, GN, GW, ML, MR, NE, SN, TD,
TG

Publication Language: English

Filing Language:

Fulltext word count: 7961

Detailed Description:

...valve parts rotatably mounted together with a snap arrangement where the second valve part is adapted to cooperate with the first valve part to open and close an air inlet and a fluid outlet of each of the first and... the bottle. The fluid control aperture communicates with the fluid outlets of the first and second valve parts during fluid dispensing.

The present invention also relates to a method of dispensing fluid from a bottle including rotating one...

?

